

Date: Sun, 17 Oct 93 04:30:23 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V93 #74
To: Ham-Equip

Ham-Equip Digest Sun, 17 Oct 93 Volume 93 : Issue 74

Today's Topics:

 Motorola Radius P-100 help
 Old Galaxy V MK 2 question
 Problems charging after market battery with Yaesu NC-15 charger

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 17 Oct 93 05:54:15 GMT
From: noc.near.net!news.delphi.com!BIX.com!arog@uunet.uu.net
Subject: Motorola Radius P-100 help
To: ham-equip@ucsd.edu

kf5mg@vnet.ibm.com (Jack Snodgrass) writes:

>I've got a Motorola, Radius p-100 talkie. Anyone know what I need to be able
>to run this off of a power supply? Right now, it uses a battery and a charger.
>There is not external battery supply conector on the talkie. Any info on this
>talkie would be appreciated.

I've run HT-200 and 220's for a lot of years for both Amateur
and commercial service. I figure that for a base radio one
should get a Base Radio.

Nw That said, to use the P-100 HT as a ba I'd start with
the local Motorola Service Center and order the manual on
the radio and on the associated charger. That will give you

the data about how they got the power into the radio and the Motorola part numbers for such things as the charger sleeve.

I'd expect that the info is all there... as well as a lot more.

Also, "HT" is a Motorola TM.

Alan

Date: Sat, 16 Oct 1993 13:51:33 GMT
From: swrinde!emory!rsiatl!ke4zv!gary@network.ucsd.edu
Subject: Old Galaxy V MK 2 question
To: ham-equip@ucsd.edu

In article <IgjdkdPW00jWR50SUUv@andrew.cmu.edu> ee2g+Charles@andrew.cmu.edu writes:
>On what frequencies does a Galaxy V MK2 HF transciever transmit on?
>
>i.e. can I use it on the NOVICE/TECH 10m Phone Band?

Yes, it covers the old big 5, 80 meters through 10 meters, no WARC stuff since the radio is older than those bands. You'd have to throttle the power back a bit to make it legal in the Novice/Tech area, it's rated at 400 watts PEP. That's *input* power though, so it's output power probably is close to the 250 watt Novice limit.

I wouldn't go to a lot of trouble to find one of these old rigs though. They were run right at design limits for the tubes used. Stability wasn't bad for the day, and they were compact for their era, but they don't compare to modern rigs like the IC735. Of course if you can find one with good tubes, and the mobile power supply, all for \$125-\$175, it would be a good deal. Finding a place to mount it in a modern econobox would be interesting.

I had a lot of fun with mine running counties in my old 67 Chevy Impala. When I sold it, the guy didn't want the mobile supply, just the desk supply. I may still have it lying around here somewhere if you find a unit without the supply.

Gary

--

Gary Coffman KE4ZV	"If 10% is good enough	gatech!wa4mei!ke4zv!gary
Destructive Testing Systems	for Jesus, it's good	uunet!rsiatl!ke4zv!gary
534 Shannon Way	enough for Uncle Sam."	emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244	-Ray Stevens	

Date: 17 Oct 93 06:41:10 GMT
From: news.centerline.com!noc.near.net!news.delphi.com!BIX.com!arog@uunet.uu.net
Subject: Problems charging after market battery with Yaesu NC-15 charger
To: ham-equip@ucsd.edu

Hello Marc.... I've got the NC-15 and the WW batteries as well.

Try cleaning the contacts on both the battery and the charger.
I know, you already did. Try a rubber pencil eraser, if you
haven't already.

If that doesn't do it, then e-mail me your voltages and I'll
measure mine to compare them to.

Alan
W6spk
arog@Bix.com

Date: 17 Oct 93 06:08:11 GMT
From: news.centerline.com!noc.near.net!news.delphi.com!BIX.com!arog@uunet.uu.net
To: ham-equip@ucsd.edu

References <CEJCxI.MqK@boi.hp.com>, <CEKw1M.7ou@cbnewsh.cb.att.com>,
<wa2iseCELqvz.J25@netcom.com>1
Subject : Re: How do I re-crystal this radio?

wa2ise@netcom.com (Robert Casey) writes:

>In article <CEKw1M.7ou@cbnewsh.cb.att.com> wa2sff@cbnewsh.cb.att.com
(joseph.e.wilkes) writes:
>>In article <CEJCxI.MqK@boi.hp.com>, riyadth@boi.hp.com (Riyadth Al-Kazily)
writes:
>>> Having just obtained my license, I'm trying to get on the air (while
>>> maintaining my reputation for being cheap :-). A friend has loaned me an
>>> old Kenwood TR-2200A 2m FM 'portable', and I would like to get some
>>> crystals to make it more useful in this area (Boise, ID) -- he hasn't used
>>> the radio much since he moved from Missouri.
>>
>>IMPORTANT NOTE: Your radio is about 15 years old, maybe older. When FM
>>repeaters first started in the late 60s, the repeater spacing was
>>60 KHz. (146.94 was OK, 146.91 was not OK). Over the years,
>>the spacing was reduced to 30 KHz and then 15 Khz (20 in some parts
>>of the country). Your radio is old enough that it may have a wide

>>band IF filter at 455 KHz. If that is true you will have to replace
>>the filter with one appropriate for 15 KHz channels. The filter
>>is made by Murata (now Murata Eire) and can be replaced. The filter
>>should have the number 455 and a letter after it. An E or F filter
>>needs to be replaced. I don't have a catalog handy but I think
>>a D filter is OK.

>This should only be an issue in a large city like New York City or LA.
>Boise is probably small enough that the repeaters have enough spacing
>that a radio with wide filtering should be okay. Check with local hams
First, where to get crystals... as noted, there is JAN (and I've
>to see what spacing exists in your area.

got enough ft-243's with their label on them to have a Fondness
for those folks) as well as International Crystal in.. Oklahoma(?)
Californai Crystal in Anahiem Calif (a/c 714) as well as
Hy-Q International in Erlanger Kentucky (a/c 606).

The last vendor I used was Hy-Q and they did a good job at a
significantly lower price than the other quotes I had and that
part of the order was for 25 mcs rocks for some GE Progress and
'pre-progress' Line units. The pre-prog was more than a bit of
a problem in that it Needed a 1.6 mcs crystal blank. The only
negative of their operation is that the DO NOT take plastic.

As to filters... The FCC killed wide band (60 kcs dev) in either
1963 or 64 for Land Mobile. Those radios were surplusd out
to ham radio and were the mobiles of choice... for a lot of
reasons. The bottom end made.for.hams radios kept using the wide
filters for a while, but. By 1970 or so, all of the radios that
were available had atleast 30 kcs filters for Narrow Band (term
is the Land Moblie useage.) That is decent enough for use in areas
that split the channels AND reveresed the inputs for adjacent
machines... such as the Southern California Repater Association
did. At 20 kcs, it should work fine for those repeaters that
are not cursed with another machine on the adjacent channel.
I'd expect a 1980 vintage radio to be atleast adiquate for
most uses.

Last, "repaters first started in the late '60's" is not correct.
Art and Mille Gentry had K6MYK on by 1958 when K60QK and I hung
out on it. Burt (oqk) put wa6tdt on with an scr-522 on Mount Wilson
in 1961 or 62. By the mid-sixties, we had more than a few systems
up in So Cal. So, QED.

Alan
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End of Ham-Equip Digest V93 #74
